

Message

From: Berkoff, Michael [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F347C01A92D7424FA840C24F6B7FBF6B-MBERKOFF]
Sent: 10/15/2014 5:22:14 PM
To: Karl, Richard [karl.richard@epa.gov]
Subject: FW: Summary table to send to Michael - please QC
Attachments: Figure 4-2D.pdf

This is still rough

From: Jeff.Keiser@CH2M.com [mailto:Jeff.Keiser@CH2M.com]
Sent: Tuesday, October 14, 2014 5:46 PM
To: Berkoff, Michael
Cc: Beth.Rohde@CH2M.com
Subject: FW: Summary table to send to Michael - please QC

Michael,
Attached is the figure with the crescent alternative. The summary of costs is included below.

Jeff Keiser
Project Manager
135 S. 84th Street, Suite 400
Milwaukee, WI 53214
Direct --- 414 847-0382
e-Fax --- 414 454-8766
Mobile 414 467-4893
www.jkeiser@ch2m.com

Solutions without Boundaries

Summary of Landfill Cap Configurations
Allied Landfill (OU1)
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site

Scenario	Estimated Footprint ^a (acres)	Estimated Height (feet above existing grade) ^b	Additional Consolidation Volume (cubic yards)	Estimated Backfill Volume (cubic yards)
Alternative 2B	43	12	-	-
Alternative 2C	43	12	-	-
Alternative 2D (Crescent)	23	45	700,000	215,000
Alternative 2E (35-Acre Footprint with Flat Top)	35	16	100,000	259,000

^a Estimated footprint is limited to the extents of the cap and does not include additional area estimated for stormwater management.

^b Estimated height is calculated as an average thickness distributed across the capped area. Actual thickness of consolidated material may vary.

^c Net present value costs are calculated based on 30-year duration with a discount rate of 1.1 percent.

^d These cost estimates are assumed to represent the actual installed cost within the range of -30 percent to +50 percent of the cost estimates provided. The final cost of the project will depend on the results of the design, schedule, predesign investigation findings and other variable factors.

